

DO NOT MISS THESE ACTIVITIES

NO REGISTRATION REQUIRED

INDOOR

Balloon Basket: Experience the feeling of climbing into a Hot Air Balloon Basket. See some amazing photos of balloons in flight.

Biometrics Display: workstation and a laptop on a table to demonstrate use of smart cards , including finger biometric enrollment - kids may find it interesting . Posters will display card layout and other uses such as impact on Identity theft.

Photos w/ Air Bear: Take your child's photo taken with Air Bear in front of the rocket
Aviation Fun Photos: Picture yourself in an airplane or other aviation related area

RDHFL - 3D Modeling and Visualization: Much more than your typical computer VR! Come see "how did they do that".

- ✍ The modeler, Creator. This software is a 3D CAD (Computer Aided Design) application used to build Virtual Models.
- ✍ The real-time, or VR environment, VEGA. This is the software that allows us to fly through the model and add environmental effects to the model to make it more realistic.

Safety Research Displays – Soft Ground Arrestment, Crash Dummies & Seats, Structural fuselage w/ rivet failures, fire safety products, new technology airport lighting

Static R/C Aircraft: Enjoy the radio controlled aircraft displays. Learn about the clubs people can join for this fun hobby.

Taxiway Screen: A new prototype taxiway screen that can aid in preventing runway incursions with taxiways that pass well beyond the end of runways. Screens are an aide for pilots to focus on aircraft that are taxiing on the runways in front of the screens. A model of these prototypes and videos from tests will be displayed.

Visual Ham Radio Display: A fun form of communications on display that can also be used during emergencies or disasters.

ATC Simulator Display: Experience the feeling of flying an aircraft by using our simulator.

Weather Display: Learn about some of our weather programs, meteorology, etc.

Wright Bros Simulator: Go back over 100 years and experience the feel that Orville & Wilbur had flying their airplane.

Finger Print: Protect your children by having them finger-printed on a sheet with other vital information.

Security Display: Learn about some of the security equipment used at airports such as: “trace detection, hand-held wand, and metal detector. See some items taken at airports

OUTSIDE:

Aerodynamic Bubbles: Learn about Aerodynamic principles while having fun making giant bubbles. See the effects determined by size, direction of wind, etc.

Radio Controlled Aircraft: Enjoy watching this hobby as a/c perform low-flying aerobatics. The outdoor RC demo will be both electric fixed wing and fuel/glow helicopter. The electric is a 'park flyer' type demo, something that can be done in closed spaces or areas with reduced areas such as ball parks, open fields with limited areas, and so on (unlike the regular RC aircraft that require a 'runway' to fly, which we will show in our static display indoors). The RC Helicopter is a fuel/glo powered helicopter and does aerobatics in a space similar that that used by the electric park flyers.

EMS Vehicles & Van: See the new GSA Hybrid vehicle and the all electric Global Electric Motor (GEMS) Cars

Parachute Large: (Ages 7 & Up) Play games and help get the parachute off the ground. Demonstrates aerodynamic principles and teaches team building